Title (en)

Shielded coil for inductive wireless applications

Title (de)

Abgeschirmte Spule für induktive drahtlose Anwendungen

Title (fr)

Bobine blindée pour des applications sans fil inductives

Publication

EP 2407981 B1 20130724 (EN)

Application

EP 11184674 A 20051117

Previously filed application

05110860 20051117 EP

Priority

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- EP 05110860 A 20051117

Abstract (en)

[origin: EP1788592A1] The present invention relates to a surface mounted coil (200) for wireless communication. The coil (200) comprises a wire (202) wounded about a core (204) thereby establishing a plurality of windings and having its ends terminated on mounting sections (208) at each end of the core (204). The coil (200) further comprises a shielding layer (212, 300) wound about a central part of the core (204) thereby covering said windings. The shielding layer (212, 300) comprises a shielding pattern and a contact section (214) for connecting to a ground level and to the shielding pattern.

IPC 8 full level

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CPC (source: EP US)

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